

Figure 1

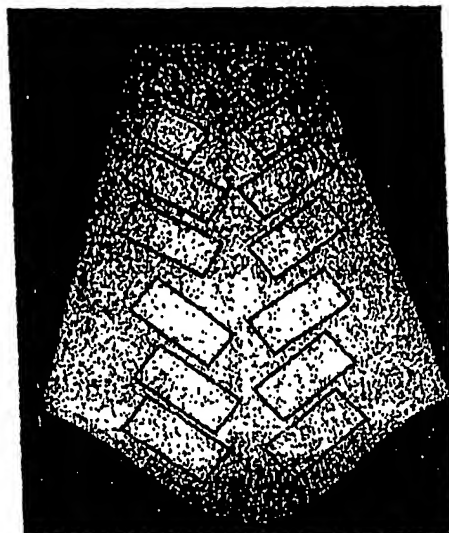


Figure 2

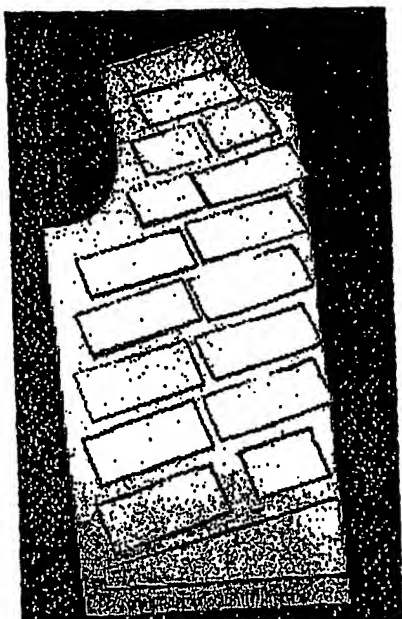


Figure 3

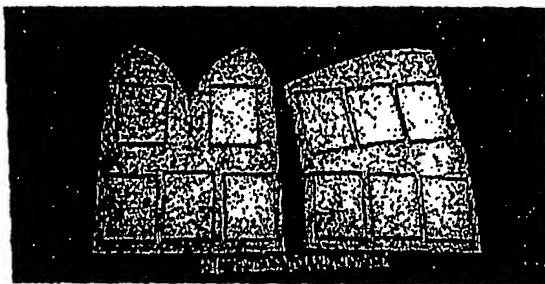


Figure 4

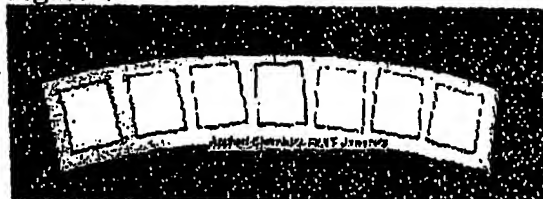


Figure 5

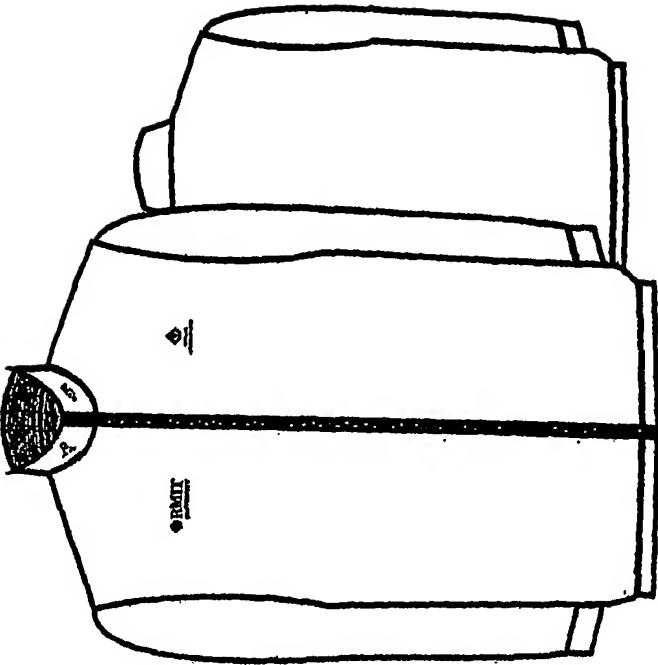


Figure 6a

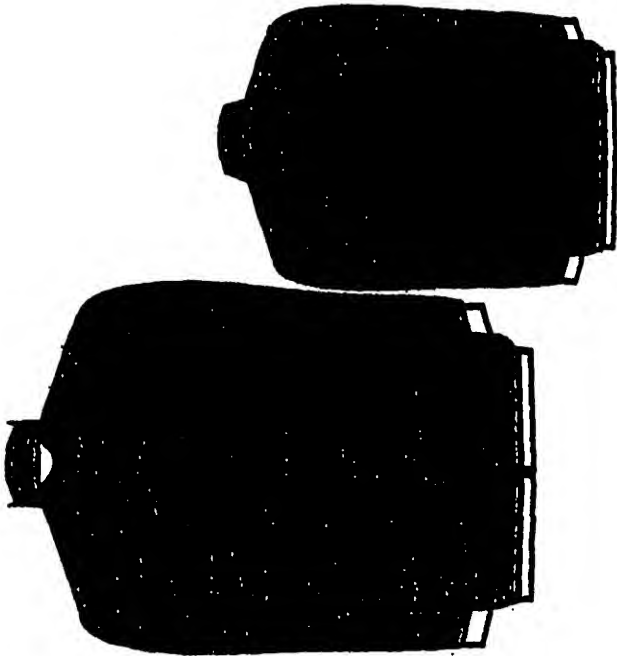


Figure 6b

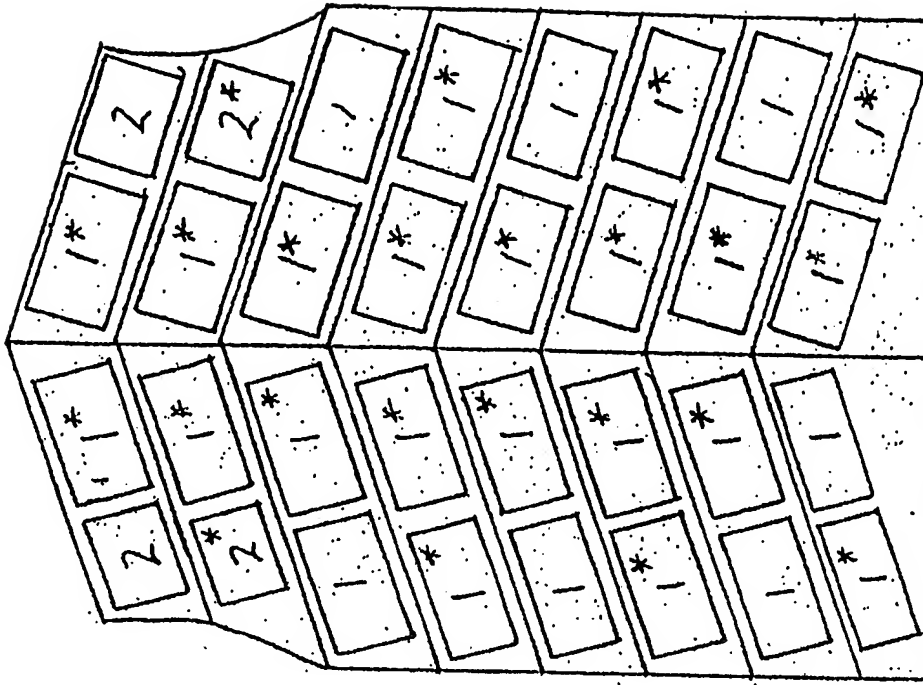


Figure 7b

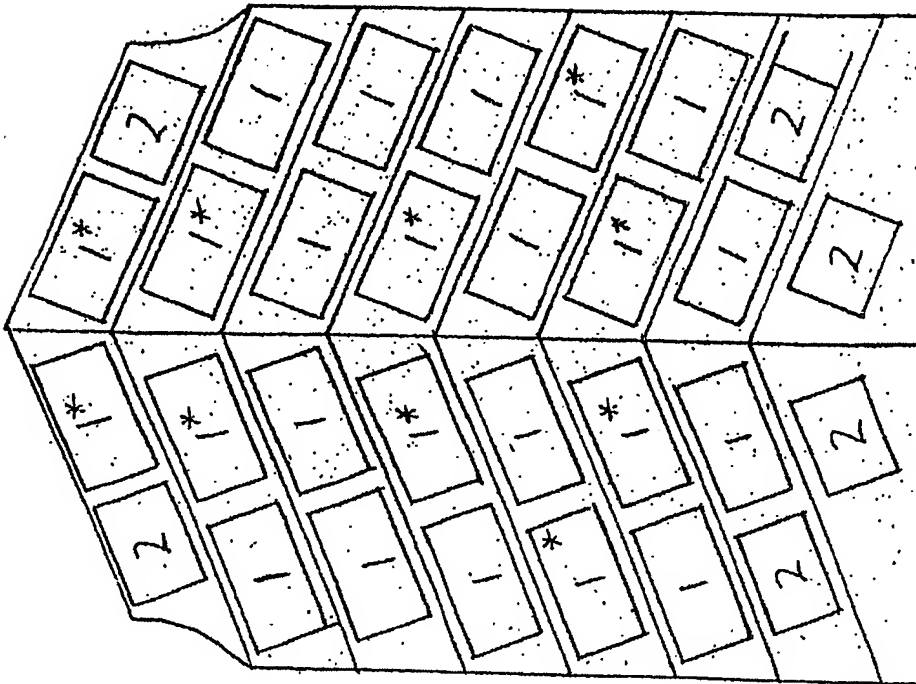


Figure 7a

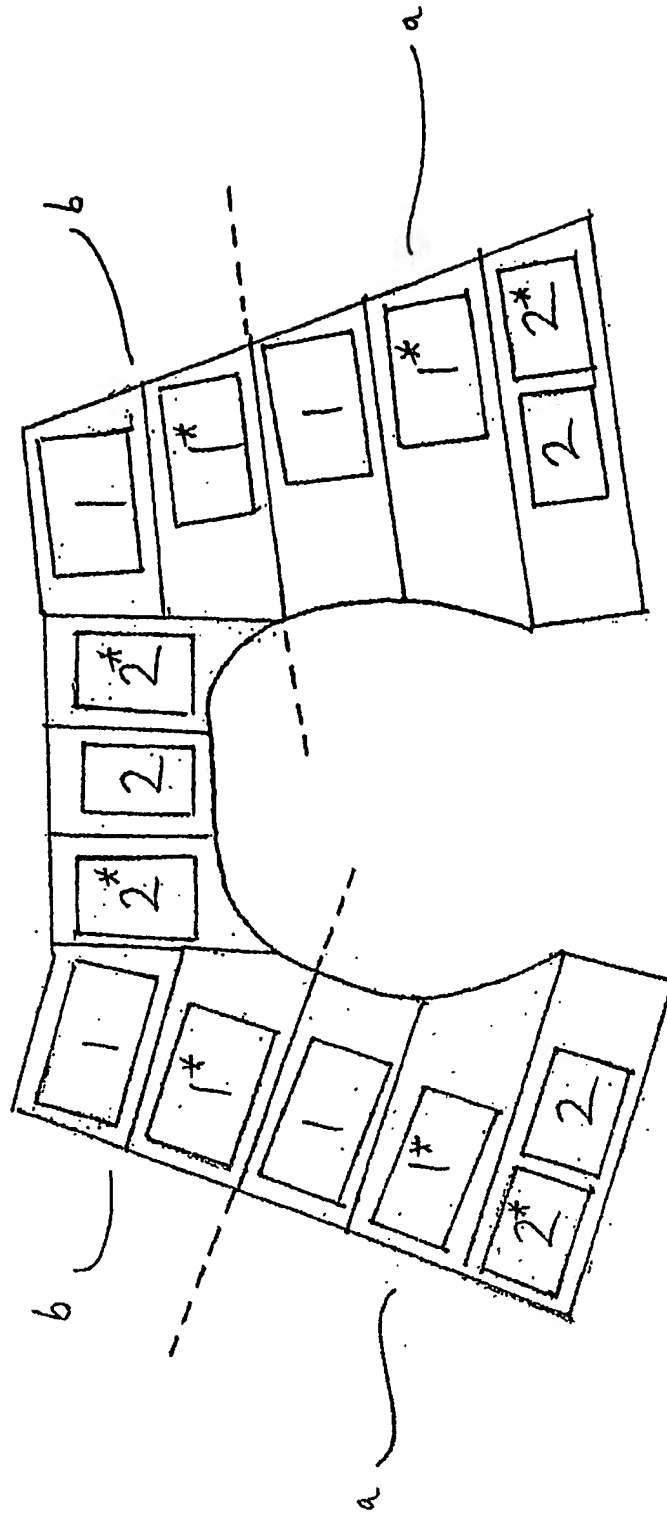


Figure 8

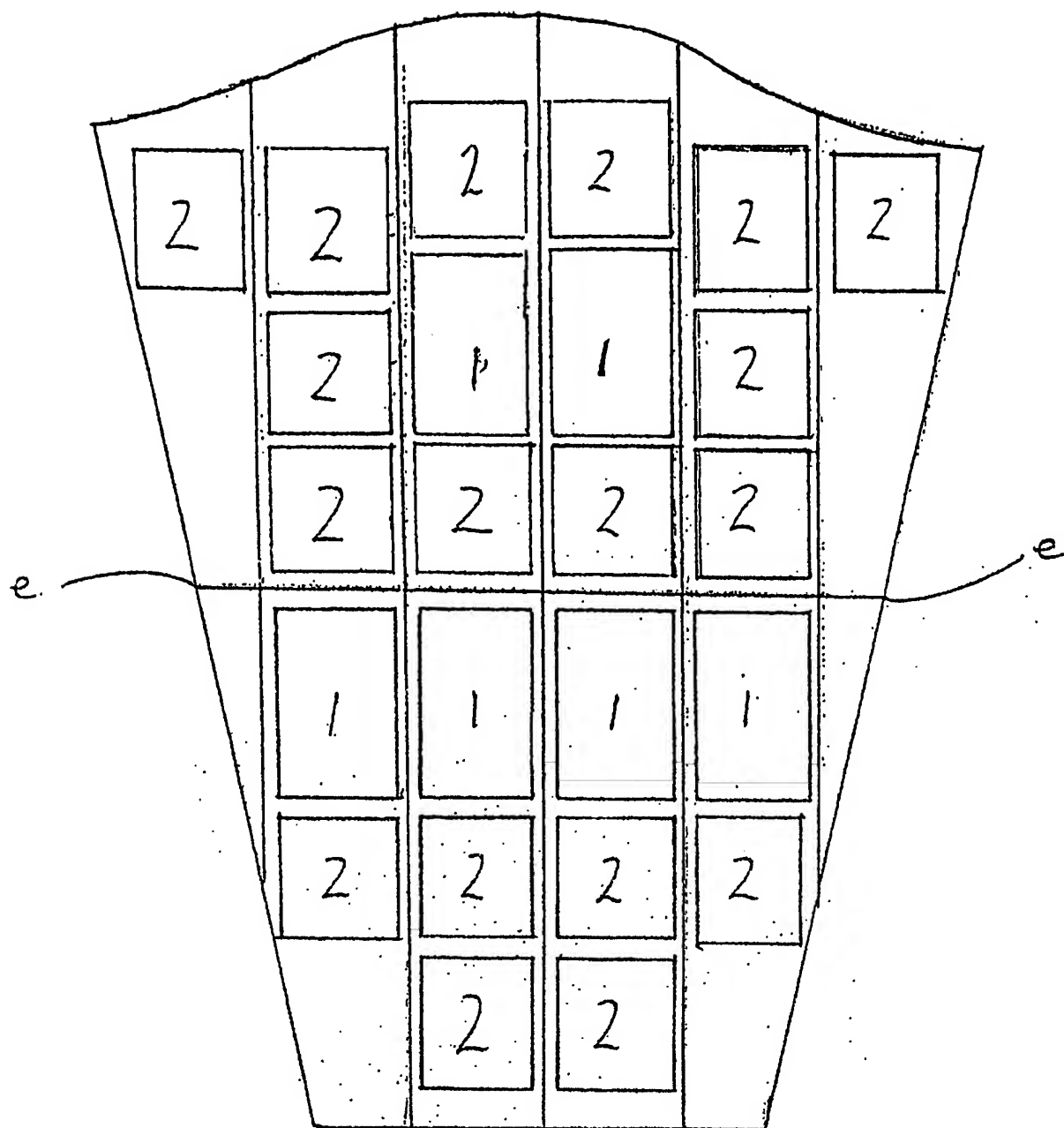


Figure 9

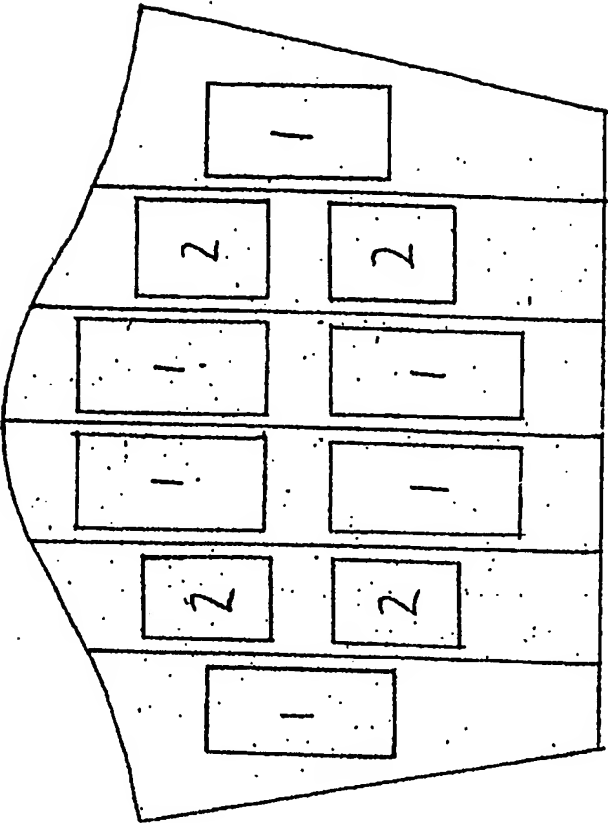


Figure 10b

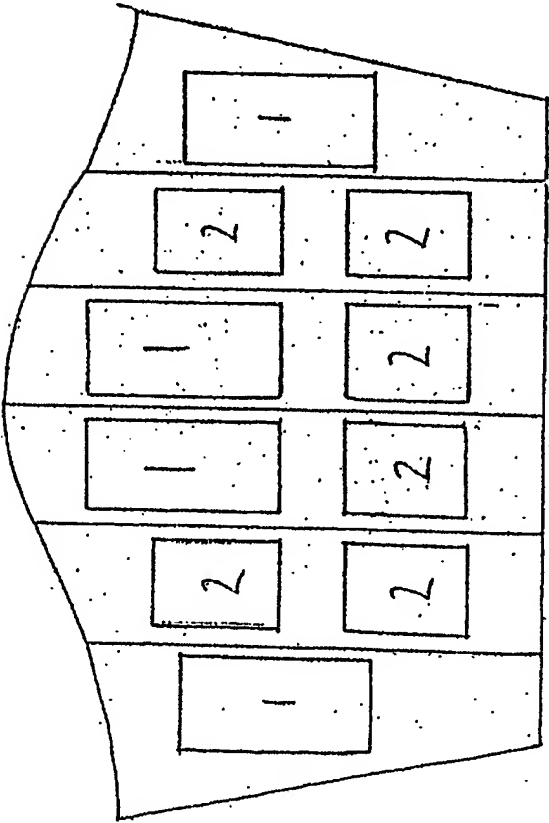


Figure 10a

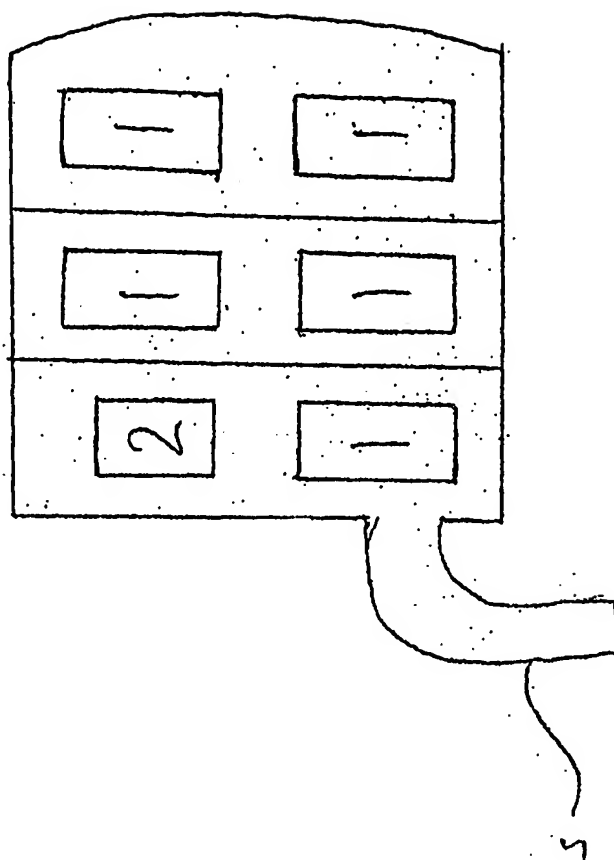


Figure 11b

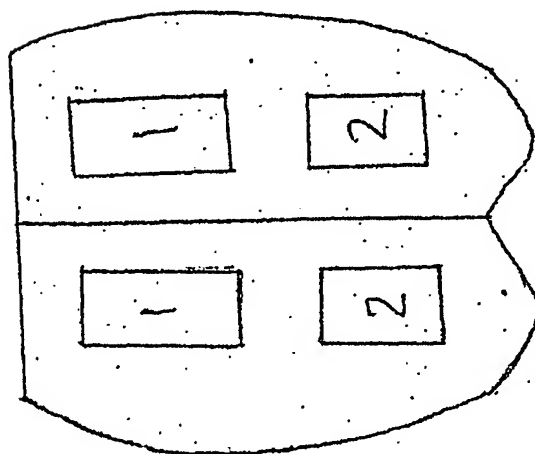


Figure 11a

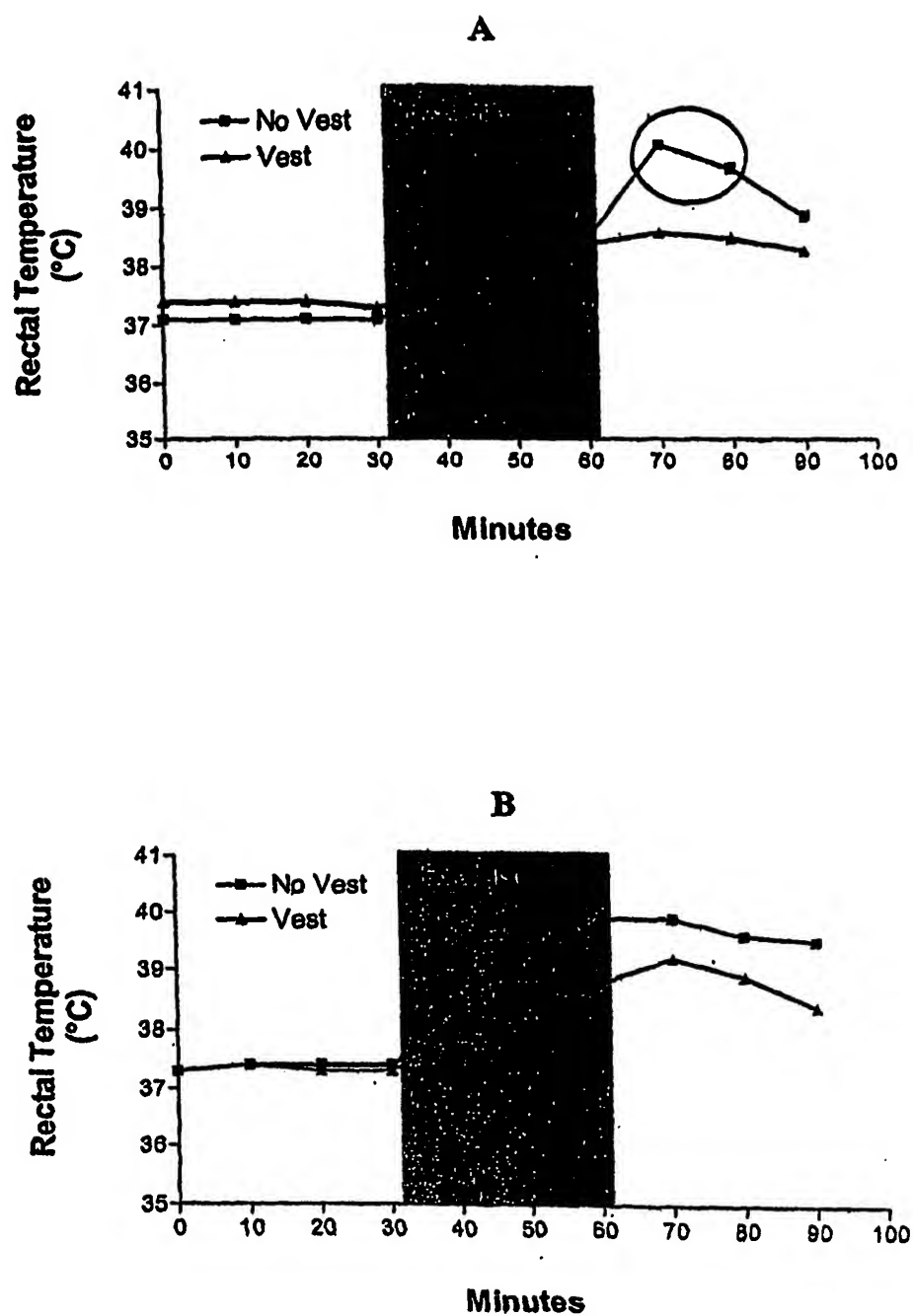


Figure 12: Rectal temperature measurements (core body temperature) over 90 minute study.

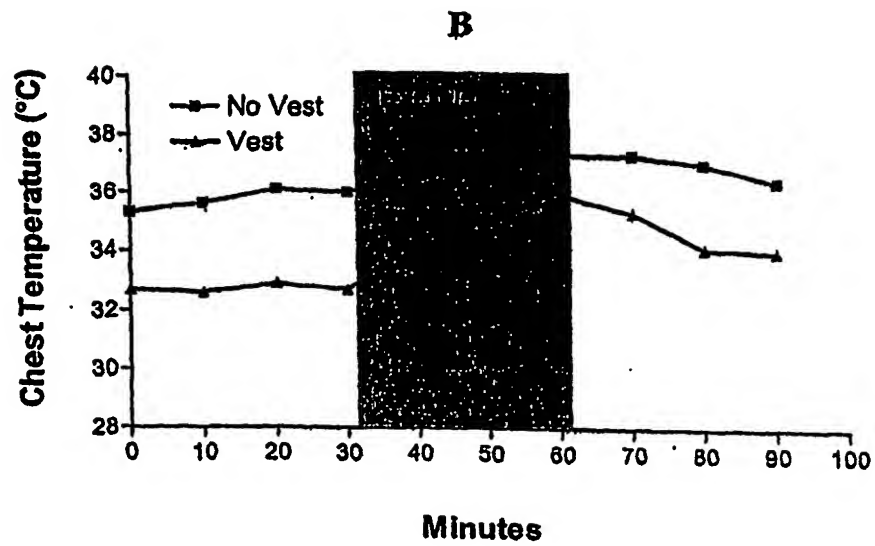
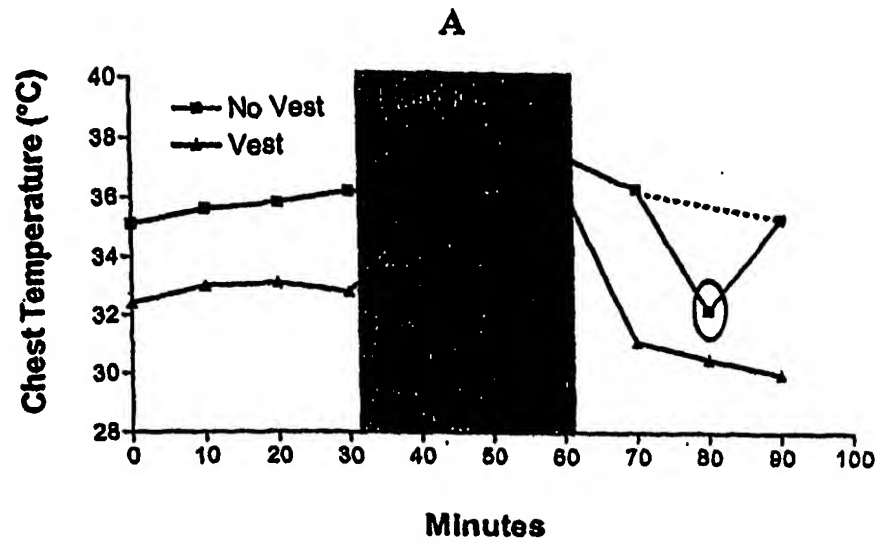


Figure 13: Chest temperature measurements over 90 minute study.

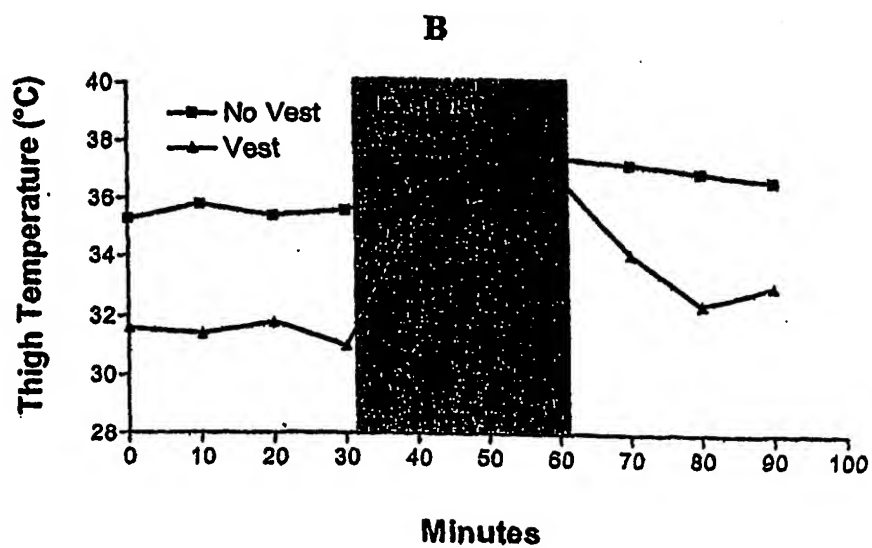
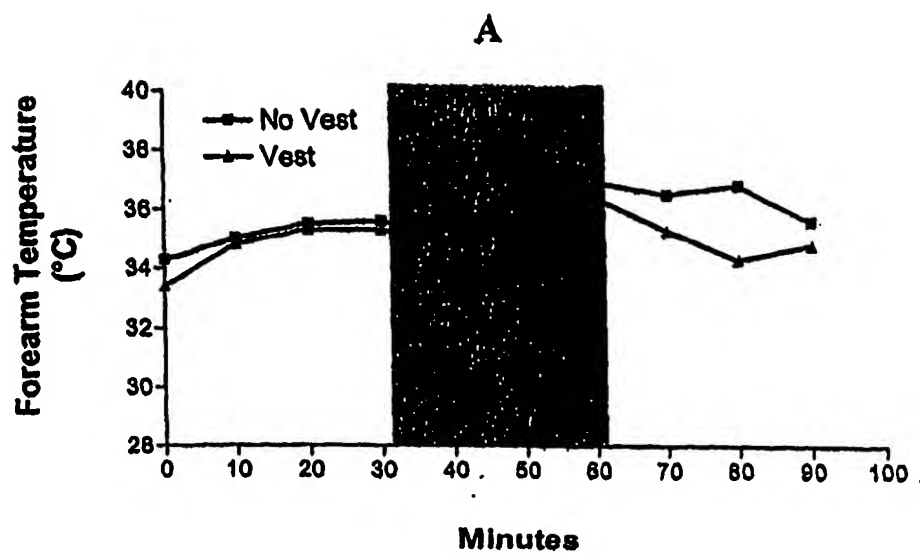


Figure 14- Forearm temperature measurements over 90 minute study.

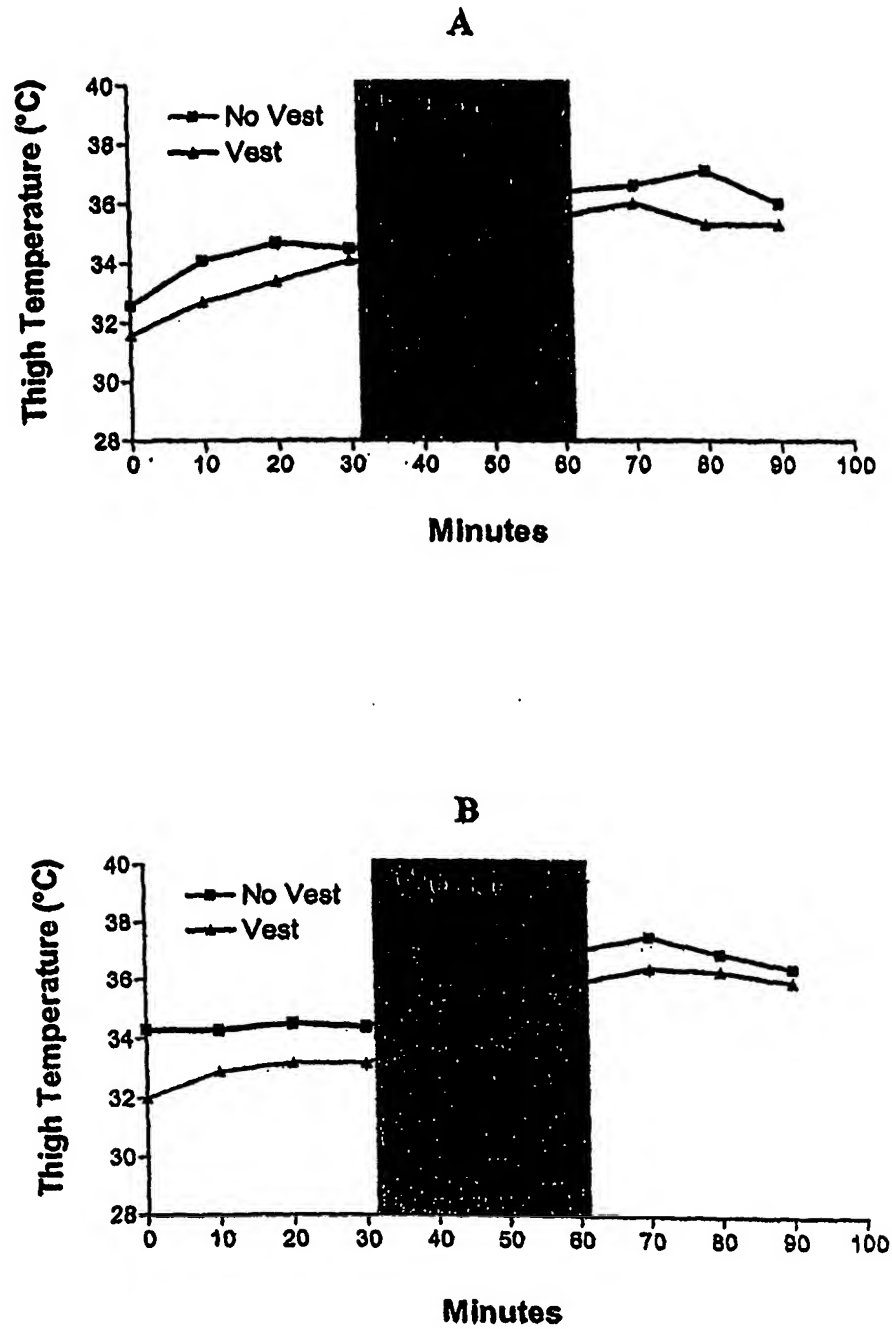


Figure 15: Thigh temperature measurements over 90 minute study.

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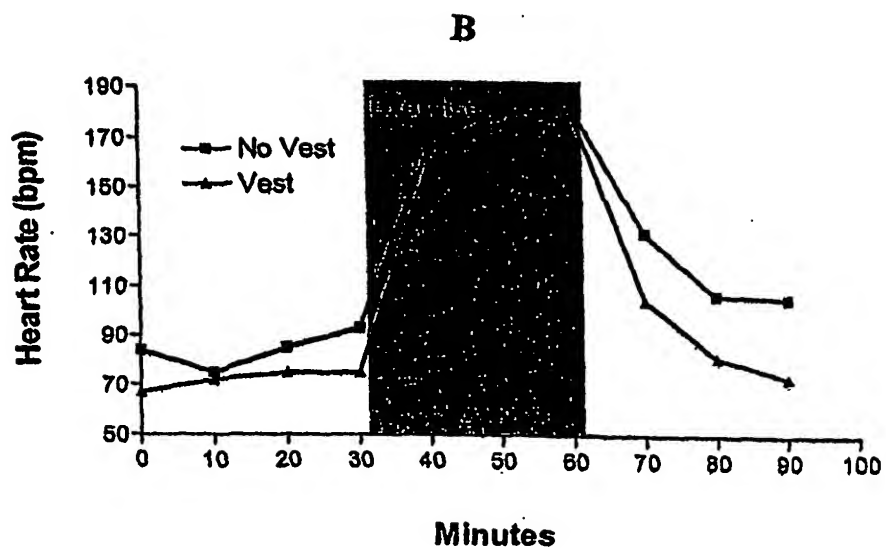
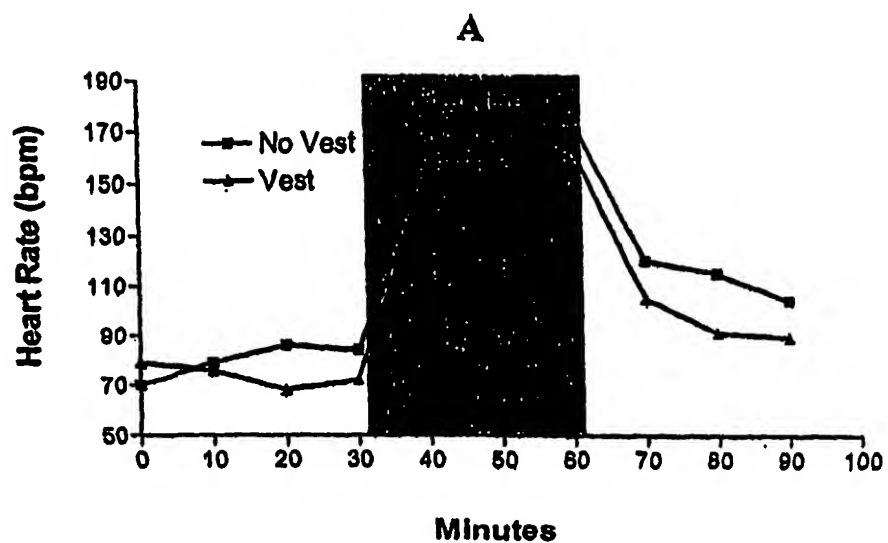


Figure 16: Heart Rate measurements over 90 minute study.

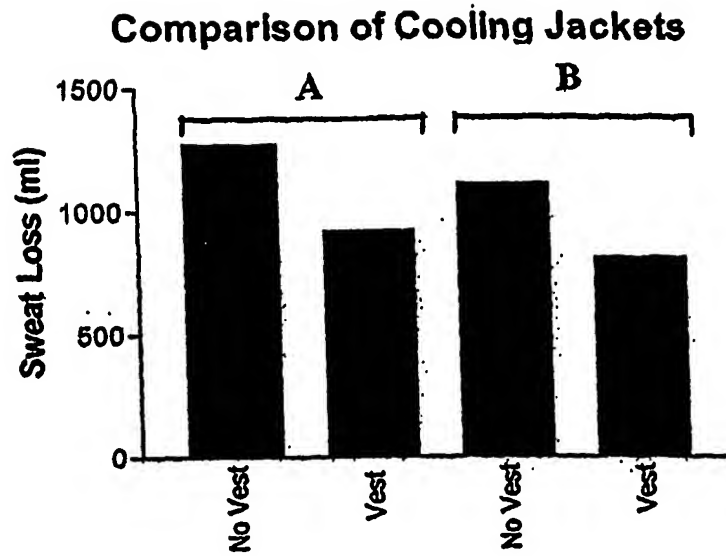


Figure 17: Sweat loss temperature over 90 minute study.

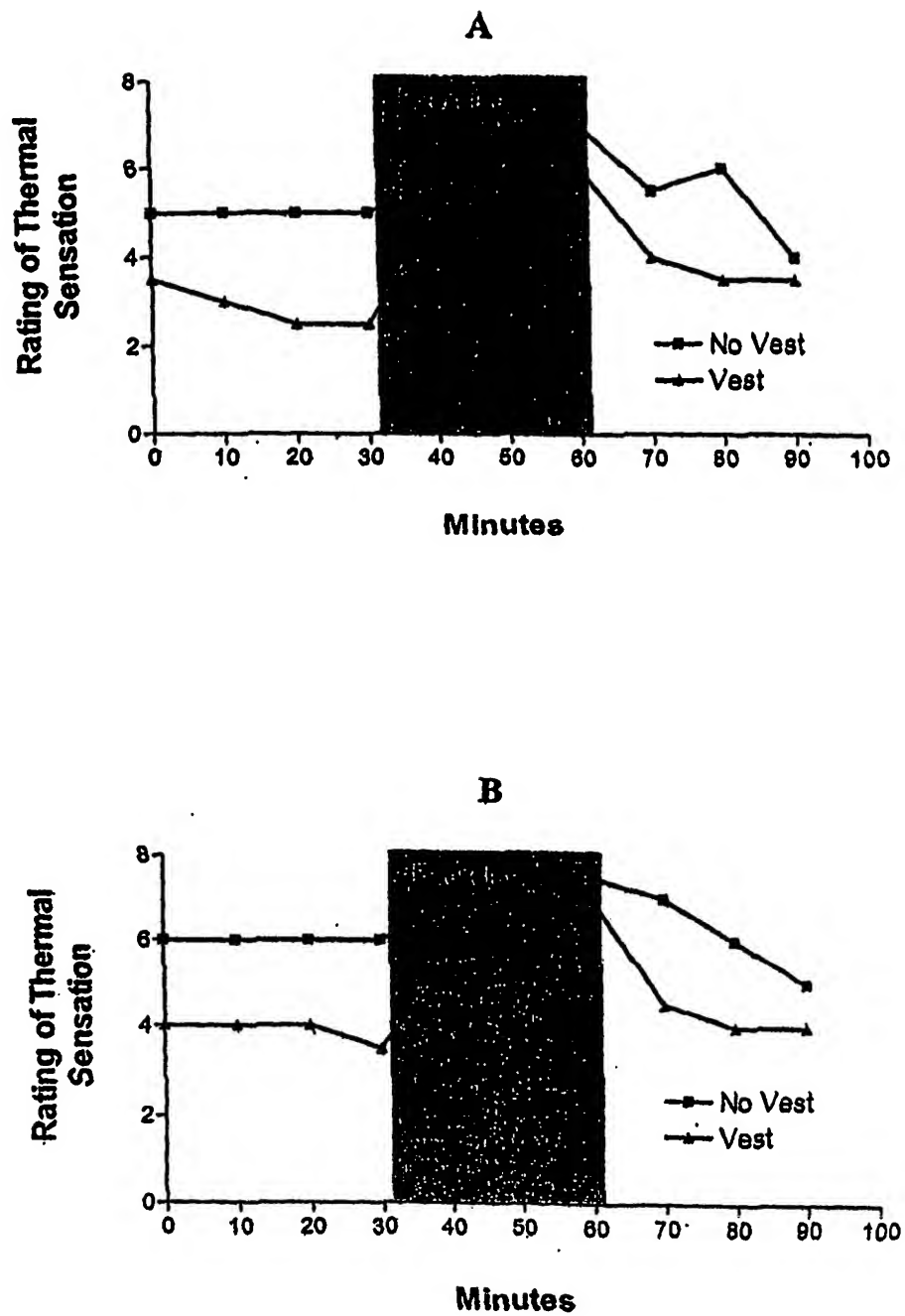


Figure 18: Rating of thermal sensation over 90 minute study.

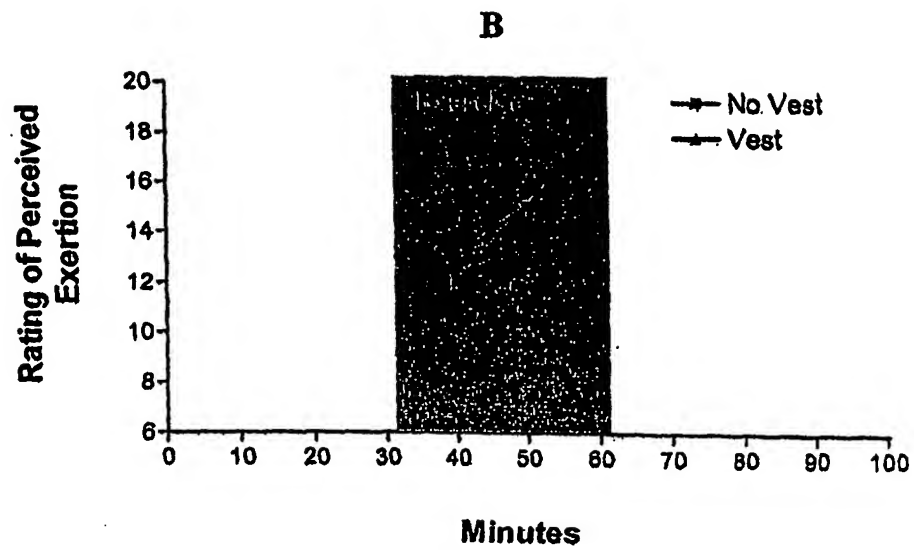
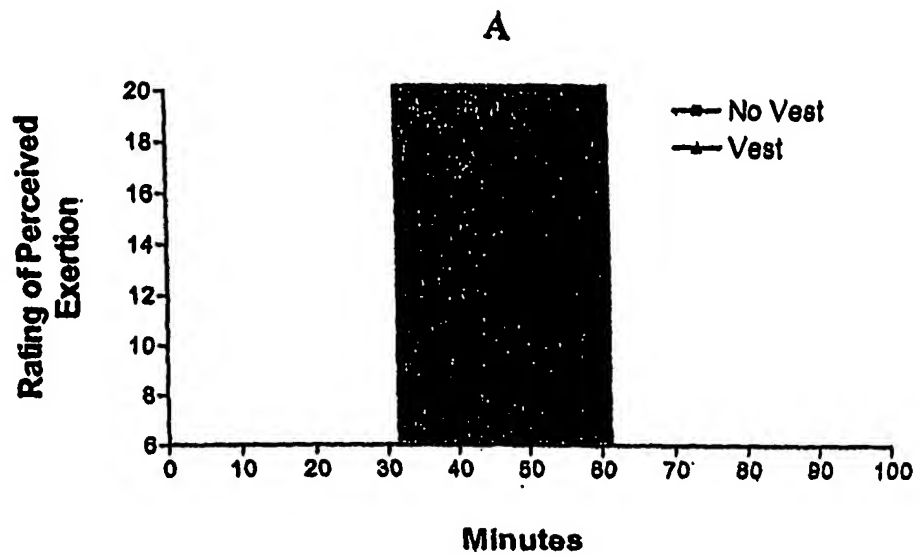
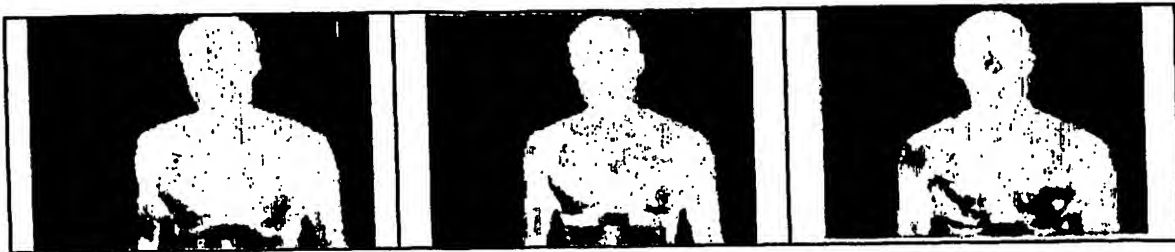


Figure 19: Rating of perceived exertion over 90 minute study.

Figure 20**Infrared Digital Imaging of Athlete Acclimatisation in High Temperature & Humidity Chamber Using the Jacket**

Acclimatisation without cooling jacket



R-1

R-2

R-3

R-1 to R-3 Acclimation prior to athlete exercise.

Acclimatisation with cooling jacket



R-4

R-5

R-6

R-4 to R-5 Acclimation with jacket prior to athlete exercise. R6 Athlete after removal of jacket during acclimation period

Figure 21
Infrared Digital Imaging of Athlete Acclimatisation in High Temperature & Humidity Using the ice-vest

Acclimatisation without ice-vest



I-1

I-2

I-3

I-1 to I-3 Acclimation prior to athlete exercise

Acclimatisation with ice-vest



I-4

I-5

I-6

I-4 to I-5 Acclimation with Ice vest prior to athlete exercise. I-6 Athlete after removal of vest during acclimation period

Figure A
Lumbar Temperature

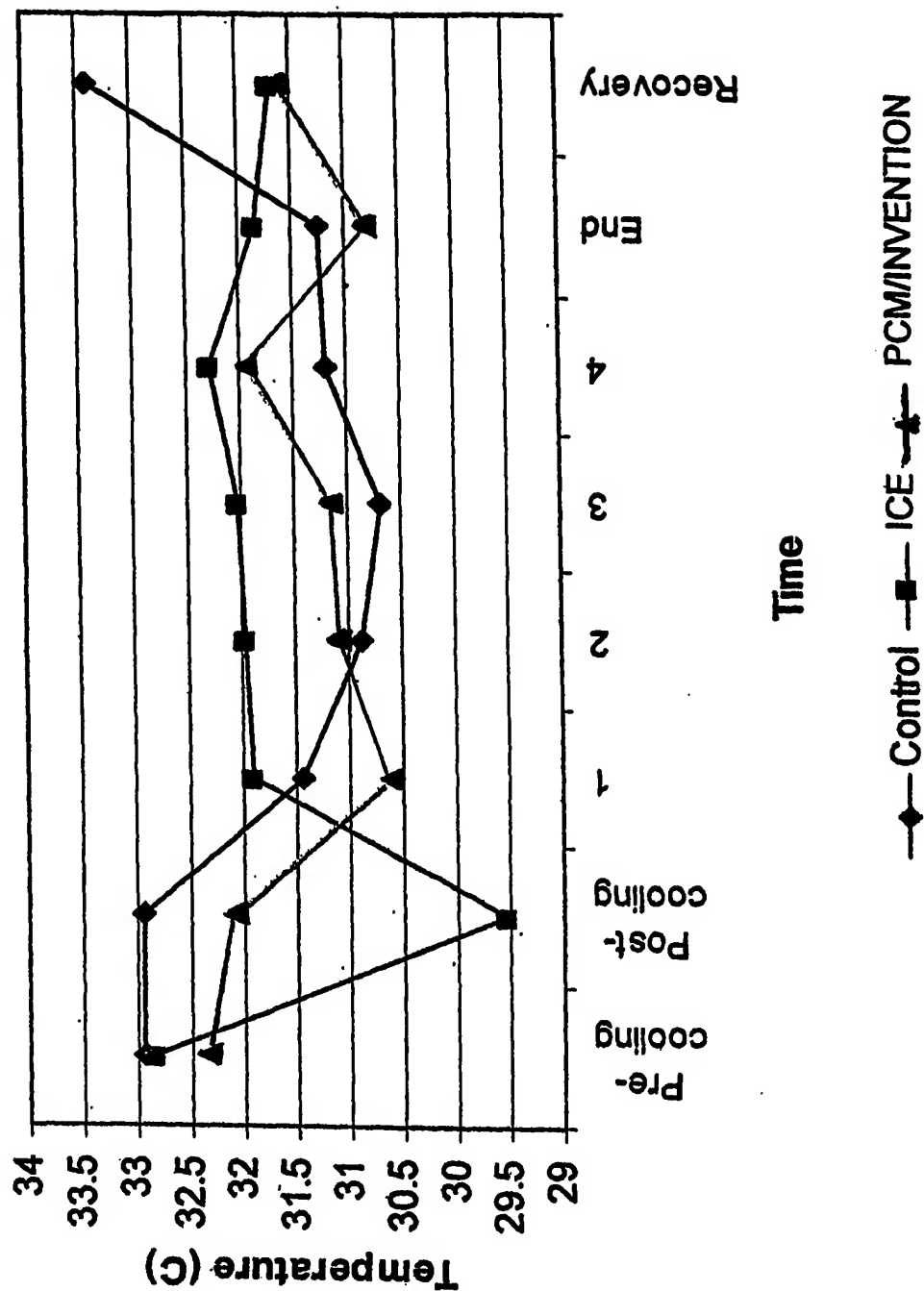


Figure B
Chest Temperature

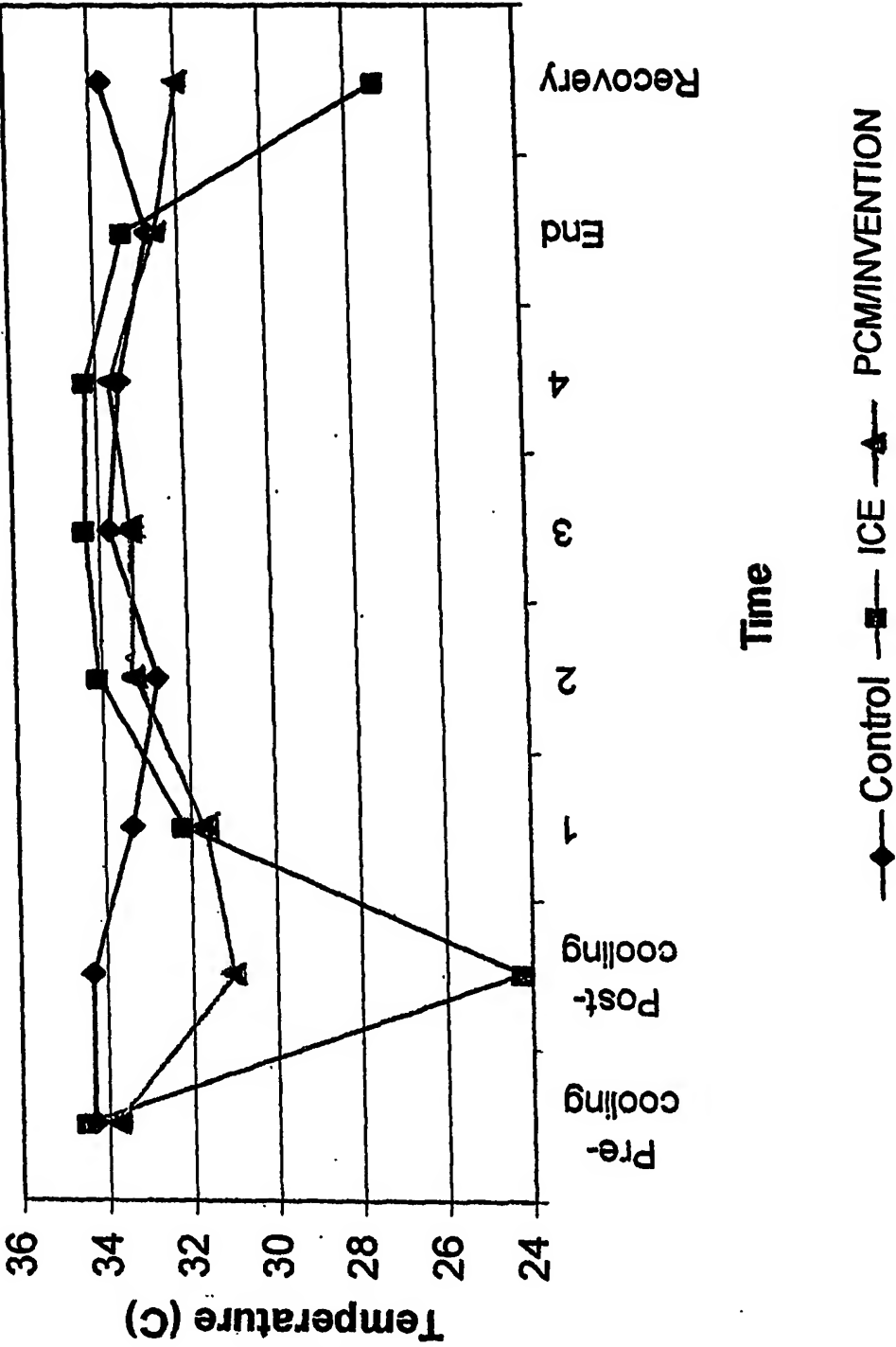


Figure C
Abdomen Temperature

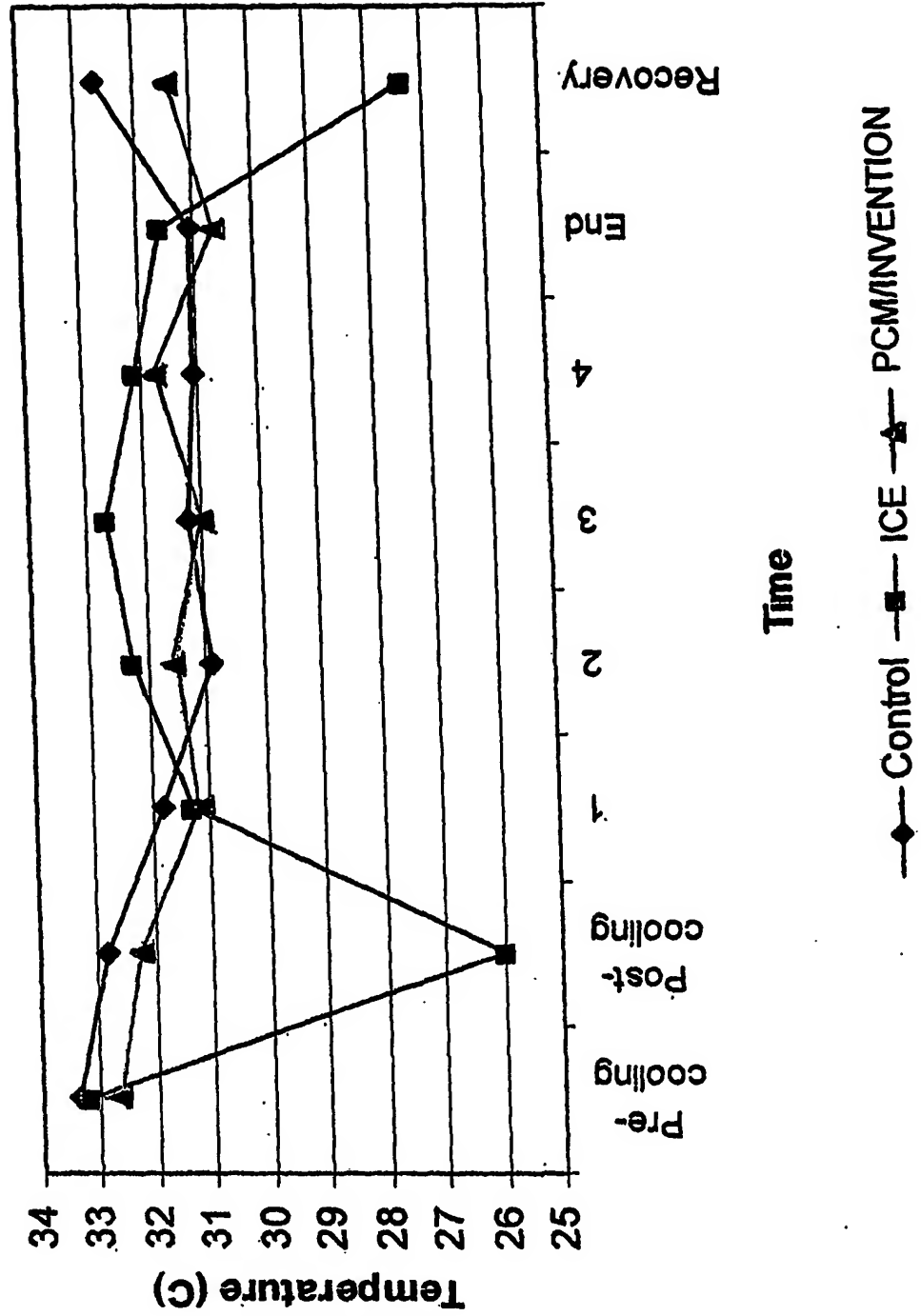


Figure D
Arm Temperature

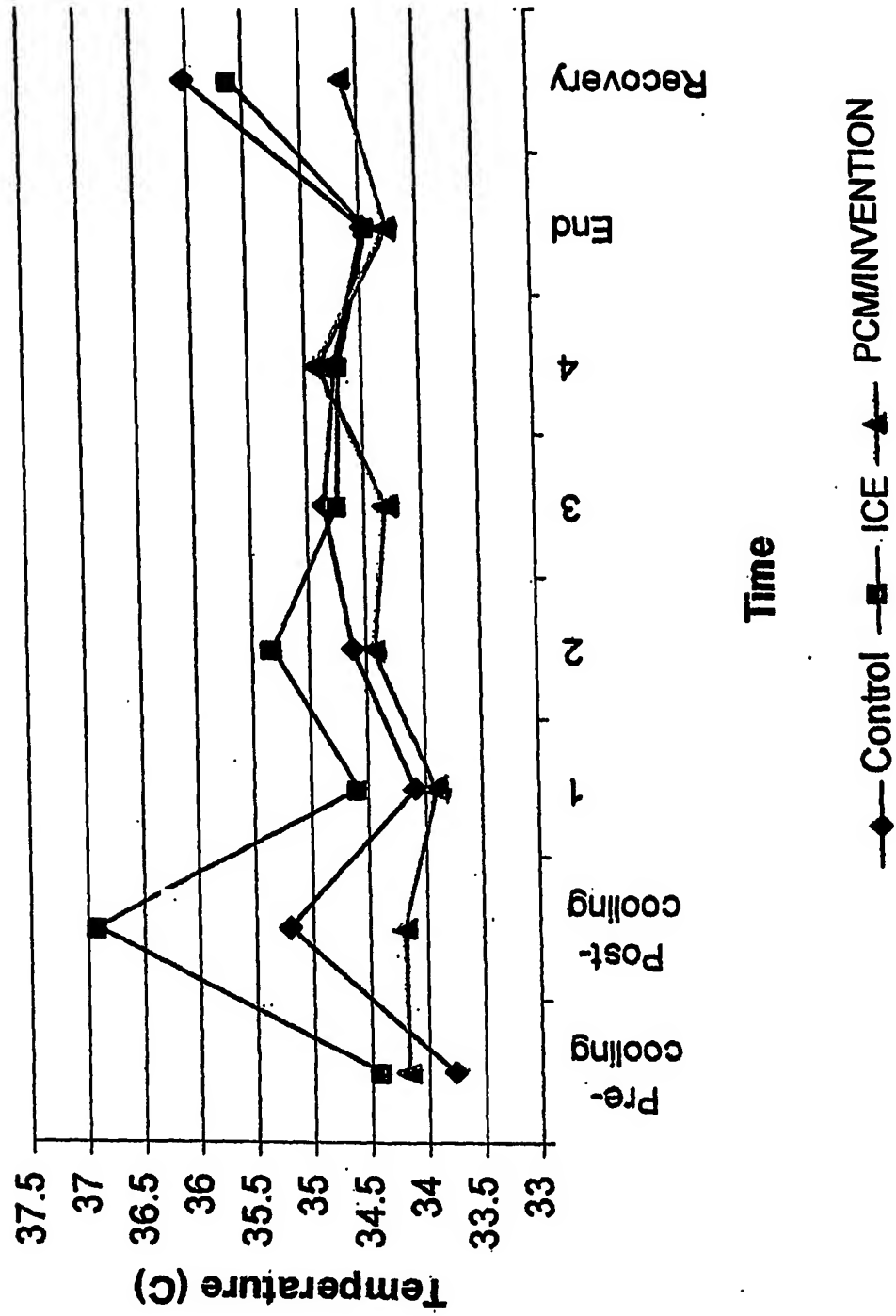


Figure E
Heart Rate- Exercise

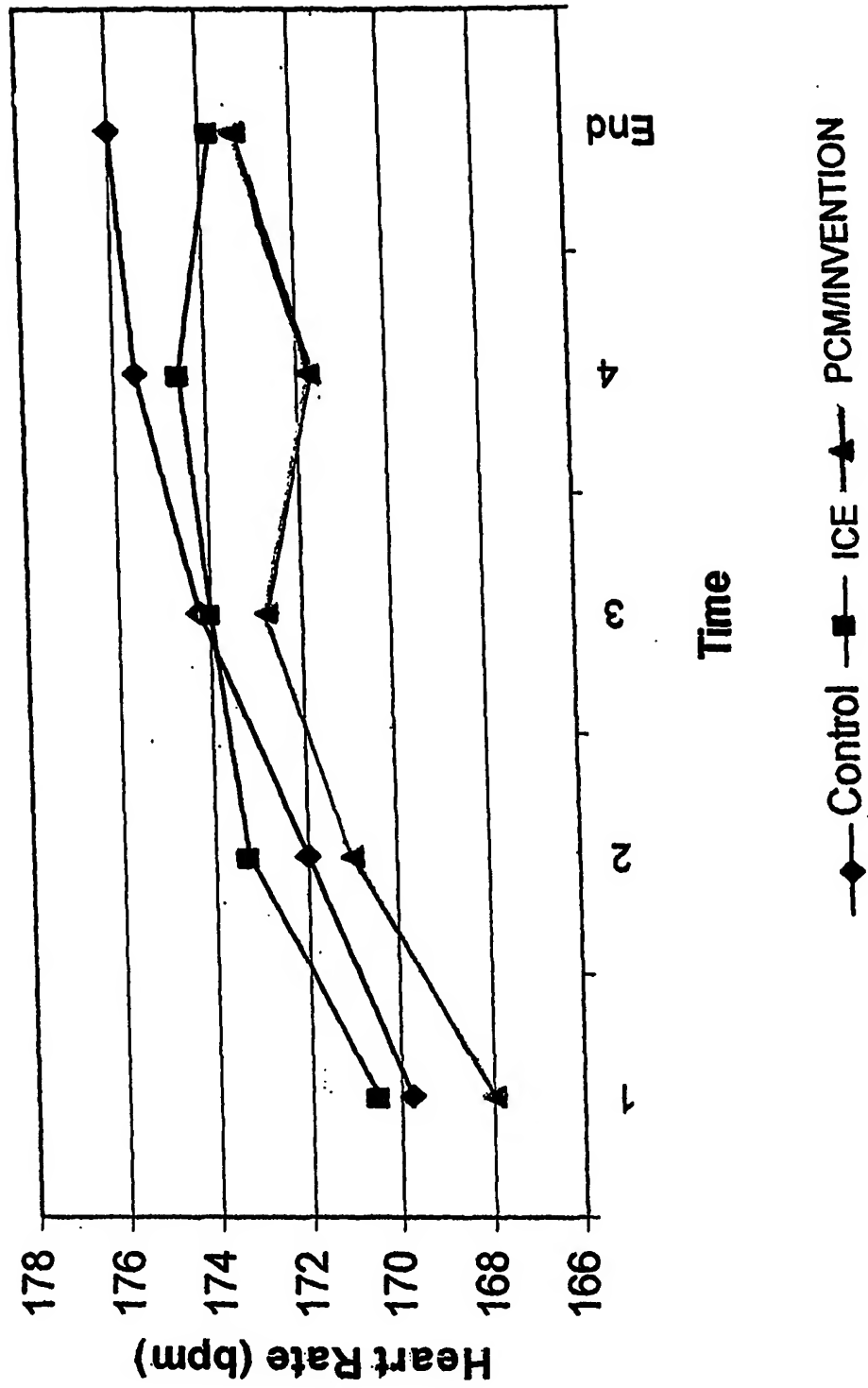


Figure F

Change in BW

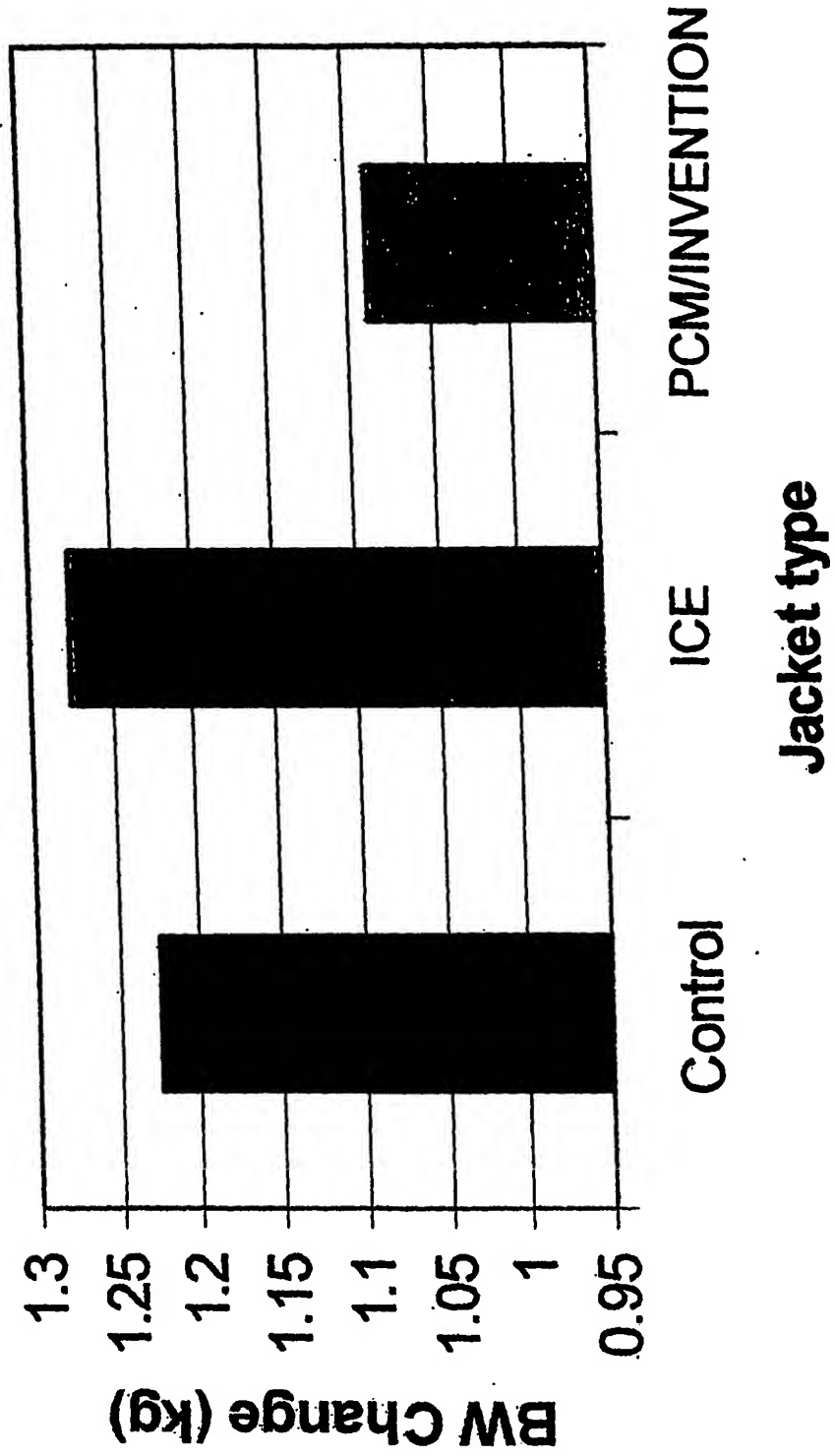


Figure G